

Appl. No. 10/627,029
Amdt dated Feb. 16, 2006
Reply to Office action dated Dec. 7, 2005

Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-6. (canceled)

Claim 7. (canceled)

Claim 8. (previously presented) A method for processing a blood product with a device adapted for receiving a bag set having a multi-way connector; a ring bag connected to the multi-way connector; a processed component bag connected to the ring bag; a solution tube connected to the multi-way connector, the solution tube being adapted to be connected to a discrete source of solution; and one or more connecting tubes connected to the multi-way connector, the one or more connecting tubes being adapted to be connected to one or more discrete sources of blood products to be processed; said method comprising:

connecting one or more discrete sources of blood products to be processed to the one or more connecting tubes;

flowing the solution through the solution tube, through the multi-way connector and through the one or more connecting tubes into the one or more sources of blood products to be processed to provide discrete mixtures of solution and blood products to be processed;

flowing the discrete mixtures of solution and blood products to be processed through the connecting tubes, through the multi-way connector and to the ring bag for further processing.

Claim 9. (previously presented) A method according to claim 8 in which the discrete source of solution is pre-connected to the solution tube.

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Claim 10. (previously presented) A method according to claim 8 which further comprises the step of connecting a discrete source of solution to the solution tube.

Claim 11. (previously presented) A method according to claim 8 which further comprises the step of processing the blood products in the ring bag.

Claim 12. (previously presented) A method according to claim 8 which further comprises the step of processing the blood products in the ring bag to separate the blood components into discrete types of blood components.

Claim 13. (previously presented) A method according to claim 8 which further comprises the step of processing the blood products in the ring bag to separate the blood components into discrete types of blood components by centrifugation.

Claim 14. (previously presented) A method according to claim 8 which further comprises the steps of:

- processing the blood products in the ring bag, and
- flowing a blood product from the ring bag to the processed component bag.

Claim 15. (previously presented) A method according to claim 8 which further comprises the steps of:

- processing the blood products in the ring bag, and
- flowing a blood product from the ring bag to the processed component bag after the step of processing has been started.

Claim 16. (previously presented) A method according to claim 8 which further comprises the steps of:

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processing the blood products in the ring bag, said processing including centrifugation,
and
flowing a blood product from the ring bag to the processed component bag after the step
of processing has been started.

Claim 17. (previously presented) A method according to claim 8 which further comprises the
steps of:

processing the blood products in the ring bag, and
flowing a blood product from the ring bag to the processed component bag after the step
of processing has been started yet while the step of processing continues.

Claim 18. (previously presented) A method according to claim 8 which further comprises the
steps of:

processing the blood products in the ring bag, said processing including centrifugation,
and
flowing a blood product from the ring bag to the processed component bag after the step
of processing has been started yet while the step of processing including centrifugation continues.

Claim 19. (previously presented) A method according to claim 8 which further comprises the
steps of:

processing the blood products in the ring bag, and
sensing a blood product during the processing of the blood products in the ring bag.

Claim 20. (previously presented) A method according to claim 8 which further comprises the
steps of:

processing the blood products in the ring bag,
flowing a blood product from the ring bag to the processed component bag, and
sensing a blood product during the flowing of the blood products from the ring bag.

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Claim 21. (previously presented) A method according to claim 8 which further comprises the steps of:

- processing the blood products in the ring bag,
- flowing a blood product from the ring bag to the processed component bag, and
- clamping a connecting tube between the ring bag and the component bag.

Claim 22. (previously presented) A method according to claim 8 which further comprises the steps of:

- processing the blood products in the ring bag,
- flowing a blood product from the ring bag to the processed component bag, and
- sealing a connecting tube between the ring bag and the component bag.

Claim 23. (previously presented) A method according to claim 8 which further comprises the steps of:

- processing the blood products in the ring bag,
- flowing a blood product from the ring bag to the processed component bag, and
- cutting a connecting tube between the ring bag and the component bag.

Claim 24. (previously presented) A method according to claim 8 which further comprises the step of:

- processing the blood products in the ring bag, in which further said step of processing is adapted to be performed with a centrifuge for processing blood components in a ring bag, the centrifuge comprising a rotor which has an outer peripheral space adapted for use with a ring bag and a central space adapted for use with a secondary bag which is connected via a tube to the ring bag, whereby the rotor allows for at least partially emptying the ring bag, and whereby the rotor also includes a shaft and a lid that are rotatable therewith, the rotor also having arranged supports to position the ring bag in the outer space relative to the arranged supports, whereby at least one

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of the supports comprises a guide groove in which is adapted to be disposed the tube which connects the ring bag and secondary bag, and in which guide groove can be placed a controllable clamp valve, whereby the tube can be blocked by clamping the controllable clamp valve in the guide groove.

Claim 25. (canceled)

Claim 26. (canceled)